

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CDM/64755000	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/GB 03/05263	International filing date (day/month/year) 02/12/2003	(Earliest) Priority Date (day/month/year) 02/12/2002
Applicant SOLEXA LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

/GB 03/05263

CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 180 548 A (AGILENT TECHNOLOGIES INC) 20 February 2002 (2002-02-20) page 3, line 37 - page 7, line 12 -----	3-9, 12-18
A	PAUL C L ET AL: "Cytosine methylation: quantitation by automated genomic sequencing and GENESCAN analysis" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 21, no. 1, July 1996 (1996-07), pages 126-133, XP002143107 ISSN: 0736-6205 the whole document ----- -/--	1,2,10, 11,19-26

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

7 April 2004

Date of mailing of the international search report

19/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ulbrecht, M

INTERNATIONAL SEARCH REPORT

International Application No

/GB 03/05263

(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FEIL R ET AL: "Methylation analysis on individual chromosomes: improved protocol for bisulphite genomic sequencing" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 22, no. 4, 1994, pages 695-696, XP002106413 ISSN: 0305-1048 the whole document	1,2,10, 11,19-26
A	WO 01/94544 A (NEW ENGLAND BIOLABS INC ; WILSON GEOFFREY G (US); KONG HUIMIN (US); SC) 13 December 2001 (2001-12-13) the whole document	1-26
A	US 5 874 260 A (CLEUZIAT PHILIPPE ET AL) 23 February 1999 (1999-02-23) the whole document	1-9,19, 20,23,24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/GB 03/05263

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1180548	A	20-02-2002	EP 1180548 A2	20-02-2002
WO 0194544	A	13-12-2001	US 6191267 B1	20-02-2001
			EP 1303530 A2	23-04-2003
			JP 2003535584 T	02-12-2003
			WO 0194544 A2	13-12-2001
US 5874260	A	23-02-1999	FR 2726277 A1	03-05-1996
			AT 184324 T	15-09-1999
			CA 2161577 A1	29-04-1996
			DE 69512003 D1	14-10-1999
			DE 69512003 T2	25-05-2000
			DK 713922 T3	27-03-2000
			EP 0713922 A1	29-05-1996
			ES 2137468 T3	16-12-1999

BEST AVAILABLE COPY